

AMENDMENTS TO THE CLAIMS:

This listing of the claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Currently Amended) A method of providing a user with information at a receiver in a digital broadcast system comprising the steps of:

A3
receiving content segments at said receiver, said content segments corresponding to respective partitions of content files being transmitted in said digital broadcast system, said content segments being transmitted with control data indicating which of said content segments relate to which of said content files, the total number of said content segments that constitute at least one of said content files, and segment identifiers to distinguish each of said content segments that belong in said at least one of said content files, some of said content files being on-demand files and provided with a file identification code indicating that said content can be selected for on-demand play back at said receiver;

storing at least one said file identification code corresponding to a selected one of said on-demand files in a memory device;

determining which received said content segments correspond to the selected said on-demand file using said control data, and said file identification code in said memory device; and

storing said content segments corresponding to said on-demand file in said memory device.

2. (Original) A method as claimed in claim 1, further comprising the step of monitoring which of said content segments corresponding to said on-demand file are stored in said memory device and which said content segments have not yet been received using said segment identifiers.

3. (Canceled)

4. (Currently Amended) A method as claimed in claim ~~[[3]]~~14, wherein said storing step comprises the step of allocating a portion of said memory device for said on-demand file.

5. (Original) A method as claimed in claim 4, further comprising the steps of:
receiving rebroadcast data relating to rebroadcast of said on-demand file;
determining when said portion of said memory device is storing a selected amount of said on-demand file; and

operating said receiver to capture the remainder of said on-demand file in accordance with said rebroadcast data after said selected amount of said on-demand file has been received.

6. (Original) A method as claimed in claim 5, wherein said rebroadcast data indicates at least one of a rebroadcast time, a rebroadcast date, and a channel used to transmit said on-demand file.

7. (Original) A method as claimed in claim 6, further comprising the step of automatically tuning said receiver to said channel indicated via said rebroadcast data at said rebroadcast time.

8. (Currently Amended) A receiver in a digital broadcast system comprising:
a memory device for storing content transmitted in a broadcast signal using said digital broadcast system, the content comprising on-demand data files which, if transmitted continuously in said broadcast signal, may require a significant amount of the instantaneous bandwidth of said digital broadcast system, said on-demand data files each being partitioned into segments that are interspersed in said broadcast signal, said broadcast signal being provided with at least one header comprising file identification codes to identify each of said on-demand data files being transmitted in said broadcast signal and segment information to indicate which of said segments in

said broadcast signal correspond to which of said on-demand data files transmitted therein, said segment information comprising the total number of said segments that constitute at least one of said on-demand data files, and segment identifiers to distinguish each of said segments that belong in said at least one of said on-demand data files, said memory device also storing said file identification codes of selected said on-demand data files;

a reception device for receiving said broadcast signal; and

a processing device connected to said memory device and said reception device and being programmable to process the received said broadcast signal to obtain at least part of said content transmitted therein including said segments corresponding to the selected said on-demand data files using said file identification codes stored in said memory device, and to store said segments of the selected said on-demand data files in said memory device.

9. (Original) A receiver as claimed in claim 8, wherein said processing device is operable to monitor the progress of storing said segments of the selected said on-demand data files using said segment [information] identifiers.

10. (Canceled)

11. (Currently Amended) A receiver as claimed in claim ~~[[10]]~~15, wherein said output device comprises at least one of a display device and a speaker device, said alert message comprising at least one of a message generated on said display device and an audible message generated via said speaker device.

12. (Original) A receiver as claimed in claim 8, wherein a portion of said memory device is allocated for at least one of the selected said on-demand data files, said receiver being provided with rebroadcast data indicating when said on-demand data files are being retransmitted via said digital broadcast system, said processing device being operable to determine when a selected amount of said portion of said memory

device is being used to store said on-demand data file and to automatically operate said receiver to receive the remaining said segments corresponding to said on-demand data file using said rebroadcast data.

13. (Original) A receiver as claimed in claim 12, wherein said rebroadcast data comprises at least one of a rebroadcast time, a rebroadcast date, and a channel used to transmit said on-demand file, said processing device being operable to automatically tune said receiver to said channel indicated via said rebroadcast data at said rebroadcast time.

14. (New) A method of providing a user with information at a receiver in a digital broadcast system comprising the steps of:

receiving content segments at said receiver, said content segments corresponding to respective partitions of content files being transmitted in said digital broadcast system, said content segments being transmitted with control data indicating which of said content segments relate to which of said content files, some of said content files being on-demand files and provided with a file identification code indicating that said content can be selected for on-demand play back at said receiver;

storing at least one said file identification code corresponding to a selected one of said on-demand files in a memory device;


determining which received said content segments correspond to the selected said on-demand file using said control data, and said file identification code in said memory device;

storing said content segments corresponding to said on-demand file in said memory device;

monitoring which of said content segments corresponding to said on-demand file are stored in said memory device and which said content segments have not yet been received; and

generating a message via an output device provided on said receiver to indicate when all of said content segments corresponding to said on-demand file are available for retrieval from said memory device for playback via said receiver.

15. (New) A receiver in a digital broadcast system comprising:

 a memory device for storing content transmitted in a broadcast signal using said digital broadcast system, the content comprising on-demand data files which, if transmitted continuously in said broadcast signal, may require a significant amount of the instantaneous bandwidth of said digital broadcast system, said on-demand data files each being partitioned into segments that are interspersed in said broadcast signal, said broadcast signal being provided with at least one header comprising file identification codes to identify each of said on-demand data files being transmitted in said broadcast signal and segment information to indicate which of said segments in said broadcast signal correspond to which of said on-demand data files transmitted therein, said memory device also storing said file identification codes of selected said on-demand data files;

a reception device for receiving said broadcast signal;

a processing device connected to said memory device and said reception device and being programmable to process the received said broadcast signal to obtain at least part of said content transmitted therein including said segments corresponding to the selected said on-demand data files using said file identification codes stored in said memory device, and to store said segments of the selected said on-demand data files in said memory device; and

an output device connected to said processing device, said processing device being operable to generate an alert message when all of said segments corresponding to one of the selected said on-demand data files have been received.